

• News

Rush on for Short Course

AS INTEREST GROWS in the 1961 short course on newer lipid analyses, to be held at the University of Rochester, Rochester, N.Y., July 24-26, the registration list increases too. Raymond Reiser of Texas A & M will be program chairman, and N. H. Kuhrt of Distillation Products Industries, local chairman. Registrations since press-time for the May issue are as follows:

- D.E. Anders, Northern Regional Research Laboratory, Peoria, Ill.
R.A. Barford, Eastern Regional Research Laboratory, Philadelphia, Pa.
Per Bjornorp, Oklahoma Medical Research Institute, Oklahoma City
L.T. Black, Northern Regional Research Laboratory, Peoria, Ill.
C.F. Brown, Corn Products Company, Bayonne, N.J.
Ting Chien, Rath Packing Company, Waterloo, Ia.
G.E. Cox, Evanston Hospital Association, Evanston, Ill.
Elaine B. Feldman, New York College of Medicine, New York
Courtland Galeener, Wilson and Company, Chicago, Ill.
D.G. Gallo, Mead Johnson and Company, Evansville, Ind.
D.C. Herting, Distillation Products Industries, Rochester, N.Y.
R.L. Hoffman, Northern Regional Research Laboratory, Peoria, Ill.
E.R. Jensen, International Refining and Packaging Corporation, Paterson, N.J.
Kyu Taik Lee, Albany Medical College, Albany, N.Y.
F.E. Luddy, Eastern Regional Research Laboratory, Philadelphia, Pa.
William Medway, Ontario Veterinary College, Guelph, Ontario, Canada
J.E. Mehrens, Darling and Company, Chicago, Ill.
P.O. Milch, Goldwater Memorial Hospital, Welfare Island, N.Y.
R. V. Moore, Medical College of South Carolina, Charleston, S.C.
W.R. Noble, Eastern Regional Research Laboratory, Philadelphia, Pa.
Katsuto Ono, Georgetown University, Bethesda, Md.
E.G. Perkins, Armour and Company, Chicago, Ill.
M.E. Peterson, H. Reeve Angel and Company Inc., Clifton, N.J.
T.J. Potts, Ralston Purina Company, St. Louis, Mo.
Wilma J. Schneider, Northern Regional Research Laboratory, Peoria, Ill.
R.F. Scott, Albany Medical College, Albany, N.Y.
C.F. Smullin, Atlas Powder Company, Wilmington, Del.
F.L. Snyder, Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
L.J. Swicklik, Distillation Products Industries, Rochester, N.Y.
R.J. Vander Wal, Armour and Company, Chicago, Ill.
W.I. Waithe, New York University Medical Center, New York
Bernd Weinberg, Canada Packers Ltd., Toronto, Ontario, Canada

Speakers will be Cecil Entenman, U.S. Naval Radiological Defense Laboratory, San Francisco; B.G. Creech, Methodist Hospital, Houston, Tex.; George Rouser, City of Hope Medical Center, Duarte, Calif.; Hermann Schlenk, Hormel Institute, Austin, Minn.; C.R. Scholfield, Northern Regional Research Laboratory, Peoria, Ill.; James G. Hamilton, Tulane University, New Orleans; H.K. Mangold, Hormel Institute, Austin, Minn.; E.C. Horning, Laboratory of Chemistry of Natural Products, National Heart Institute, Bethesda, Md.; V.R. Huebner, Melpar Inc., Falls Church, Va.; H.J. Dutton, Northern Regional Research Laboratory, Peoria, Ill.; R.A. Stein, University of California Medical Center, Los Angeles; S.R. Lipsky, Yale University, New Haven, Conn.; R.T. O'Connor, Southern Regional Research Laboratory, New Orleans; and C.Y. Hopkins, National Research Council of Canada, Ottawa.

A two-hour buffet supper in Hoeing hall will open the short course on July 23. Tuesday afternoon there will be a visit to Kodak Park, including a general tour and a visit to the industrial laboratory of Kodak. At the latter there will be a demonstration of the newest and finest analytical equip-

ment from gas chromatography to nuclear magnetic resonance. That evening the students will visit the George Eastman House, which has a world-famous museum of photography.

Housing for the course will be in Hoeing hall, a new dormitory. Meals will be served cafeteria style in the Women's Center (Danforth hall) on the campus. Lectures will be at Lower Strong Auditorium.

Registration fee for the course will be \$65, plus room and board, payable in advance to the American Oil Chemists' Society at 35 E. Wacker drive, Chicago 1, Ill. Student fee will be \$16.50, plus room and board. Closing date for registration will be July 13. All correspondence should be addressed to the Society office.

In charge of the short course is the Education Committee of the Society, of which J. C. Cowan is chairman.

Smalley Program Announced

EARLY IN THE 1900's Frank Smalley, chief chemist of the Southern Cotton Oil Company, employed an unique system of cooperative analytical work to check the efficiency of his chemists. Replicate samples of cottonseed meal were prepared under his direction in Savannah and sent to the division laboratories each week. His chemists measured the nitrogen and oil content of these samples and thus furnished Dr. Smalley with a continual check of their performance.

Sometime between 1912 and 1915 some of the commercial chemists asked if they could participate in this work so that they might see how their laboratories measured up. In short order, other chemists interested in the analysis of cottonseed products heard about this collaborative effort and also expressed a desire to participate.

About 1915 the American Oil Chemists' Society decided to sponsor these checks between laboratories, particularly urging the cooperation of state and federal chemists. The work continued under the direction of Dr. Smalley as chairman of the Uniform Methods Committee. In 1918 the Governing Board voted to provide trophies as awards for excellence in performance. This stimulated interest in the program, and the practice has been continued for the meal series.

As the years went by, other series, employing a variety of analytical procedures, were started according to the wishes expressed by laboratories and Society members. In the beginning the check meal series consisted only of cottonseed meal. We now have eight additional series. The earliest issues of the Cotton Oil Press listed results from 20-50 chemists. Last year we had 514 collaborators, who analyzed more than 4,500 samples and reported more than 15,000 results. As in the earliest work, the final standings are turned over to the chairman of the Examination Board, who makes use of them in determining the competence of the candidates before awarding them certificates as referee chemists.

THIS BRIEF background is given for the benefit of those who have never been collaborators in the A.O.C.S. Smalley Check Sample Program. This cooperative effort among laboratories should not be thought of as a contest but rather as a means for checking individual laboratory effort. Managers, especially, should be aware of this source of check samples. The quality of the work is such that it has been held up, over the years, as an example by other societies about to undertake similar programs. True, we give awards for excellence and publicly acknowledge those chemists who do outstanding work. However it should be



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emphasized that the real purpose of the program is to serve the individual by furnishing him with a simple means of checking his work, his reagents, and apparatus. Chemists who find themselves not measuring up may obtain valuable information from the individual subcommittee chairmen who are chosen as experts in their particular series.

We urge more chemists to collaborate and also welcome suggestions for the initiation of new series. The Smalley program has grown over the years, and we want this growth to continue. This can come about only as it has in the past, through the desire of individuals to check their laboratories against others on various analytical procedures.

Order forms will be mailed in June to all of those who were collaborators during the 1960-1961 season. Others may obtain them from the Society headquarters. Orders should be filled out legibly and completely, according to the samples desired. Retain one copy, but return all others to the American Oil Chemists' Society, 35 East Wacker drive, Chicago 1, Ill., along with the proper remittance.

Only one set of any one series will be sent to a single laboratory. Orders should be placed promptly since none will be accepted after October 1. The following samples are available at the prices shown:

Material	Number of samples	Price per set
Cottonseed.....	10	\$18
Soybean.....	10	11
Peanut.....	7	9
Oil seed meal.....	15	17 (plus 1.50 for 1st class mail)
Vegetable oil.....	6	21
Drying oil.....	6	7
Tallow and grease.....	5	13
Edible fat.....	5	7
Glycerine.....	5	7

Detailed instructions for collaborators will be mailed in August by the subcommittee chairmen. They are:

R.T. Doughtie Jr., U.S.D.A., Box 8145, Memphis 4, Tenn., oil seed.

R.W. Bates, Food Research Department, Armour and Company, Chicago 9, Ill., meal.

J.P. Hewlett, Archer-Daniels-Midland Company, Box 839, Minneapolis 40, Minn., vegetable oil.

L.V. Anderson, Minnesota Linseed Oil Company, Minneapolis 21, Minn., drying oil.

J.R. Harrison, Rath Packing Company, Waterloo, Ia., tallow and grease.

K.H. Fink, Food Research Department, Armour and Company, Chicago 9, Ill., edible fat.

T.J. Baldwin, Procter and Gamble Company, ITC, Cincinnati 17, O., glycerine.

W. J. MILLER, Chairman

• *New Members*

Active

John Patrick Barclay, refinery engineer, Compania Oleaginoso del Peru, Lima, Peru

Edward P. Lewis Sr., assistant biochemist, Food and Nutrition Research, Home Economics Department, University of Vermont, Burlington, Vt.

Godfrey Emile Mann, chemist, GS 12, Southern Utilization Research and Development Division, ARS, USDA, New Orleans, La.

Harriet Burns Nawry, chemist, Comet Rice Mill, Houston, Tex.

Hugh Williams Nixon, supervisor, rendering and refining, Wilson and Company Inc., Chicago, Ill.

Peter Briggs Simpson, section manager, Food Products Process Development, Procter and Gamble Company of Canada Ltd., Hamilton, Ontario, Canada

Oddvar Solstad, technical manager, New England Confectionery Company, Cambridge, Mass.

Stanley Tinsley, chemist, Durkee Famous Foods, Chicago, Ill.

George Eugene Woods, assistant manager, Pilot Plant Section, Chemical Engineering Department, Atlas Powder Company, New Castle, Del.

Active Junior

Gregory B. Clarke, graduate student, University of Illinois, Urbana, Ill.

James Andrew Inkpen, research assistant and graduate student, Purdue University, West Lafayette, Ind.

Daniel Norman Moury, research assistant and graduate student, Purdue University, West Lafayette, Ind.

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